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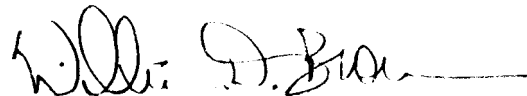
Engineering and Design
TECHNICAL GUIDELINES FOR HAZARDOUS AND TOXIC WASTE TREATMENT
AND CLEANUP ACTIVITIES

1. Purpose. This manual provides design guidelines that will aid U.S. Army Corps of Engineers Districts and Divisions in the selection of remedial actions at uncontrolled hazardous waste sites. These guidelines are to be used in support of the Department of Defense Environmental Restoration Program (DERP), the Formerly Used Defense Sites (FUDS) Program, Resources Conservation and Recovery Act (RCRA), support to U.S. Environmental Protection Agency (EPA) activities associated with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and the remediation of hazardous waste contamination at Civil Works sites.

2. Applicability. This manual applies to those major subordinate commands and USACE districts assigned missions in support of the Nation's efforts to remediate uncontrolled hazardous waste releases.

3. General. This manual presents guidance for the design of remedial and corrective actions at hazardous waste sites. The guidance includes information on site-specific remedial technologies, including containment, treatment, and disposal systems. Information is also provided to aid in the performance of preliminary assessments, site investigations, remedial investigations, and feasibility studies in support of the Installation Restoration Program, FUDS, CERCLA, RCRA, and DERP.

FOR THE COMMANDER:



WILLIAM D. BROWN
Colonel, Corps of Engineers
Chief of Staff